UNITED STATES PATENT AND TRADEMARK OFFICE

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09/803,387	03/09/2001	Tomas Roztocil	10432/60	7392

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EXAMINER
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ART UNIT	PAPER NUMBER
2173	8

DATE MAILED: 10/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE _3_ MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on _Pre-Amendment A filed on Sept/28/2001_ .

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) _1-38_ is/are pending in the application.

　　4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) _1-38_ is/are rejected.

7)☒ Claim(s) _13 and 32_ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

　　Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11)☐ The proposed drawing correction filed on _____ is: a)☐ approved b)☐ disapproved by the Examiner.

　　If approved, corrected drawings are required in reply to this Office action.

12)☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

　　a)☐ All b)☐ Some * c)☐ None of:

　　　　1.☐ Certified copies of the priority documents have been received.

　　　　2.☐ Certified copies of the priority documents have been received in Application No. _____ .

　　　　3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
　　　　　　application from the International Bureau (PCT Rule 17.2(a)).

　　* See the attached detailed Office action for a list of the certified copies not received.

14)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

　　a) ☐ The translation of the foreign language provisional application has been received.

15)☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _4_ .

4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: .

PART III.   DETAILED ACTION

1.   Claims 1-38 are presented for examination.

2.   The Information Disclosure Statement (IDS) as well as Exhibits A-M filed on

June/11/2001 have been received and fully considered by Examiner.

Specification

3.   Applicants need to update information of concurrent application. Page 31, line

21, insert " 09/803166" after Pat. Application Ser. No .

Claim Objections

4.   Claims 13 and 32 are objected to minor informality of missing punctuation mark.

Claims 13 and 32, line 2, insert ending punctuation mark at the end of sentence.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims 1-2, 4-5, 19, 21, 23-24 and 38 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Applicants submitted IDS issued to Tokin et al. (USPN:

6,134,568) hereinafter Tokin in view of Parker et al. (USPN: 6,441,919) hereinafter

Parker.

As per claims 1 (system), 19 (method), and 38 (system); Tokin discloses a

method of an interface, implemented in a computer, for controlling a production printer

is taught by Tokin as the technique of various pages of the graphical user interface are

provided from processing facility 60 (see col. 6, lines 61-63), comprising:

A display is taught by Tokin as the technique of window 360 includes field 362

which allows a user to designate what type of new component he would like to create

(see co. 7 line 67 to col. 8 line 2);

A first page representation located on said display and operative to represent a

portion of a document to be produced by said production printer, said portion

characterized by the applicability of at least one ordered media attribute is taught by

Tokin as the technique of fields 382 and 384 of Document Builder (see Fig. 5D) wherein

the attributes for each production component object describes physical properties of the

component and also includes image of the component (see col. 9, lines 14-16);

A first attributes representation associated with a first of said at least one ordered

media attribute and located on said display is taught by Tokin as the technique of

attribute page number 1 through 5 of field 382 through field 384 (see Fig. 5D).

Tokin, however, does not disclose the limitation of a symbolic representation

operative to visually indicative on said display applicable of fist of at least one ordered

media attribute.

Parker discloses the limitation of a symbolic representation operative to visually indicative on said display applicable of first of at least one ordered media attribute as the technique of a pointer reference with a symbol defined in the PEF file. The PDF file can define the appearance with a pointer to a page in the PDF file (see col. 7, lines 54-60).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Paker's symbol defined reference into that of Tokin invention. By doing do, the system would be enhanced by capable of providing pointer for capable of defining the appearance to a page in the PDF file.

As per claims 2 (system) and 21 (method), the limitation of at least one media attribute comprises tab type is taught by Tokin as the technique of tab type: Projects and Add Document (see Fig. 5A), Document Builder and Document Composition (see Fig. 5B). These claims are therefore rejected for the reasons as set forth above.

As per claims 4 (system) and 23 (method), the limitation of media attribute comprises media size is taught by Tokin as the technique of Size (x,y) (see Fig. 6). These claims are therefore rejected for the reason as set forth above.

As per claims 5 (system) and 24 (method), the limitation of media size comprises a value specifying 8.5 * 11 is taught by Tokin as the technique of use size from source file: 8.5 * 11 (see Fig. 5F). These claims are therefore rejected for the reason as set forth above.

7.   Claims 3, 6-9, 11-12, 15-17, 25-28, 30-31 and 34-36 are rejected under 35

U.S.C. 103(a) as being unpatentable over Applicants submitted IDS issued toTokin et

al. (USPN: 6,134,568) hereinafter Tokin in view of Parker et al. (USPN: 6,441,919)

hereinafter Parker and further in view of Hube (USPN: 5,337,161).

As per claims 3 (system) and 22(method), Tokin-Parker discloses the invention

substantially as claimed above. Tokin-Parker, however, does not disclose the limitation

of tab type comprises a value specifying cut tabs.

Hube discloses the limitation of tab type comprises a value specifying cut tabs as

the technique of cut tab stock (see col.7, line 37) and modulus 5 and 3 of tab parameter

type (see col. 7 line 57 to col. 8 line 12).

It would have been obvious to one having ordinary skilled in the art at the time

the invention was made to include Hube's value of cut tabs type into that of Tokin-

Parker combined invention. By doing do, the system would be enhanced by allowing

user to define a specify value of tab cut type.

As per claim 20, Tokin-Parker discloses the invention substantially as claimed

above. Tokin-Parker, however, does not disclose the limitation of displaying a symbolic

representation of a tab cut in relation to said page representation according to media

attribute.

Hube discloses the limitation of displaying a symbolic representation of a tab cut in relation to said page representation according to media attribute as the technique of tabs representation for Overview, H/W, Input, Futures, and Appendix (see Fig. 17).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's tabs representation of tab cut type into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to define a specify type of tab type.

As per claims 6 (system) and 25 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of numbers of tab cuts.

Hube discloses the limitation of numbers of tab cuts as the technique of numbers of tab cuts of Overview, H/W, Input, Futures, and Appendix (see Fig. 17).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's numbers of tab cuts representation of tab cut types into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to define a specify type of tab type.

As per claims 7 (system) and 26 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of number of tab cuts comprises number of tab pages in an ordered tab set.

Hube discloses the limitation of number of tab cuts comprises number of tab pages in an ordered tab set as the technique of a set of tab set of tabs of Overview, H/W, Input, Futures, and Appendix corresponds to Table of Content (see Fig. 17).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's number of tab cuts comprises number of tab pages in an ordered tab set into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to define a specify type of tab type.

As per claims 8 (system) and 27 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of media attribute comprises tab orientation.

Hube discloses the limitation of media attribute comprises tab orientation as the technique of prompting user to select tab's final orientation from menu (see Fig. 11).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's media attribute comprises tab orientation into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user finalize tab orientation from menu selection.

As per claims 9 (system) and 28 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of total number of tabs separators pages in said document.

Hube discloses the limitation of total number of tabs separators pages in said document as the technique of total number of five tabs namely Overview, H/W, Input, Futures, and Appendix separate pages in said document (see Fig. 17).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's total number of tabs separators pages in said document into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to define an interesting topic in a document.

As per claims 11 (system) and 30 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of tab left indent.

Hube discloses the limitation of tab left indent as the technique of Prompt User to Select Upper-left Corner of Tab Image using left mouse button (see Fig. 12).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's left indent by using left button into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to perform left indent of tab document.

As per claims 12 (system) and 31 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of tab right indent.

Hube discloses the limitation of tab right indent as the technique of Prompt User to Select Lower-right Corner of Tab Image using right mouse button (see Fig. 12).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's right indent by using right button into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to perform right indent of tab document.

As per claims 15 (system) and 34 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of tab label value.

Hube discloses the limitation of tab label value as the technique of text string tab label (see Fig. 18).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's tab label value in term of text string into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to edit text value to tab document.

As per claims 16 (system) and 35 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of visually indicative on said display tab label value and a formatting of tab label value as it appears when printing on said production printing visually indicative on said display tab label value and a formatting of tab label value as it appears when printing on said production printing.

Hube discloses the limitation of visually indicative on said display tab label value and a formatting of tab label value as it appears when printing on said production printing as the technique of user interface 52 (see col. 5, line 30) for displaying tabs labels strings on a document (see Fig. 17), and the production of tab images by selecting from a supply of image data the image desired for printing on the tab portion of tab stock. The extracted tab image is transformed in accordance with the dimensions and orientation of the tab and requirement of the user (see col. 3, lines 1-6).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's visually indicative on said display tab label value and a formatting of tab label value as it appears when printing on said production printing into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to edit text value to tab document.

As per claims 17 (system) and 36 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of allows a user to modify one or more media attribute.

Hube discloses the limitation of allows a user to modify one or more media attribute as the technique of capability of editing the tab sequence (see col. 3, lines 8-9).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Hube's allows a user to edit and/or modify one or more media attribute into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by allowing user easy to edit text value to tab document.

8.   Claims 10 and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable

over Applicants submitted IDS issued toTokin et al. (USPN: 6,134,568) hereinafter

Tokin in view of Parker et al. (USPN: 6,441,919) hereinafter Parker and further in view

of Lodwick et al. (USPN: 6,226,419).

As per claims 10 (system) and 29 (method), Tokin-Parker discloses the invention

substantially as claimed above. Tokin-Parker, however, does not disclose the limitation

of edge offset.

Lodwick discloses the limitation of edge offset as the technique of horizontal X

and vertical Y calibration offsets are calculated based on the respective errors of the

positions of the vertical and horizontal margin lines (see col. 9, lines 32-36).

It would have been obvious to one having ordinary skilled in the art at the time

the invention was made to include Lodwick's edge offset into that of Tokin-Parker

combined invention. By doing do, the system would be enhanced by providing detail

information to an end user. Thus, allowing user easy to define an interesting topic in a

document.

9.   Claims 13-14 and 32-33 are rejected under 35 U.S.C. 103(a) as being

unpatentable over Applicants submitted IDS issued toTokin et al. (USPN: 6,134,568)

hereinafter Tokin in view of Parker et al. (USPN: 6,441,919) hereinafter Parker and

further in view of Lunt (USPN: 6,543,046).

As per claims 13 (system) and 32 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of media attribute comprises tab output order.

Lunt discloses the limitation of tab output order as the technique of indexed tabs (see col. 4, line 18).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Lunt tab output order into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by providing tab index order to an end user.

As per claims 14 (system) and 33 (method), Tokin-Parker discloses the invention substantially as claimed above. Tokin-Parker, however, does not disclose the limitation of a value specifying first-tab-first or last-tab-first.

Lunt discloses the limitation of a value specifying first-tab-first or last-tab-first as the technique of while the hierarchical grouping of attributes on a business object is often a useful representation, the user may want to find an attribute directly, without considering where it exists in the interface. A navigation index addresses the need to support both conflicting navigational strategies, which displayed all of the attributes in a list in alphabetical order or some other order. By selecting the attribute and then selecting a "Go to" button, the appropriate attribute is highlighted, regardless of what tab it appears on (see col. 7, lines 22-33).

It would have been obvious to one having ordinary skilled in the art at the time the invention was made to include Lunt specifying first-tab-first or last-tab-first in term of selecting the attribute and then selecting a "Go to" button, the appropriate attribute is highlighted, regardless of what tab it appears on into that of Tokin-Parker combined invention. By doing do, the system would be enhanced by easy navigation tools to an end user.

10.   Claims 13-14 and 32-33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicants submitted IDS issued toTokin et al. (USPN: 6,134,568) hereinafter Tokin in view of Parker et al. (USPN: 6,441,919) and Hube (USPN: 5,337,161) and further in view of Kanevsky et al. (USPN: 6,426,761) hereinafter Kanevsky.

As per claims 18 (system) and 37 (method), Tokin-Parker-Hube discloses the invention substantially as claimed above. Tokin-Parker-Hube, however, does not discloses the further limitation of comprising a user input device to allow a user to specify at least one frequently used configuration of the at least one media attribute, wherein said interface is further operative to generate at least one value of said at least one media attribute based on said specified at least one frequently used configuration.

Kanevsky discloses the limitation of a user input device to allow a user to specify at least one frequently used configuration of the at least one media attribute, wherein said interface is further operative to generate at least one value of said at least one media attribute based on said specified at least one frequently used configuration as the

technique of the icon size, brightness and nesting determination may be based on the

creation date, hierarchical, frequency of use, size of information representation by the

icon, relations between information represented by the icon... a user wish to place more

frequently used icons in a central position with larger size (see col. 4, lines 43-52), if all

the icons in a cluster have not been used for a long time, the fractal dimension of the

cluster may automatically change which gives the cluster a different, smaller

appearance to the user and potentially free-up screen real-estate for other icons in the

cluster that are more frequently used. The feature of automatically determination of

cluster characteristic, for example, the depth of a sub-icon in relation to its cluster may

be determined according to the criteria, e.g., recency of use, frequency of use, etc. (see

col. 7, lines 16-25).

It would have been obvious to one having ordinary skilled in the art at the time

the invention was made to include Kanevsky's limitations of one frequently used

configuration of the at least one media attribute, wherein said interface is further

operative to automatically generate at least one media attribute based on said specified

at least one frequently used configuration into that of Tokin-Parker-Hube combined

invention. By doing do, the system would be enhanced by automatically freezing up

screen estate of never used icon attribute in order to maximizing the size of frequently

used icon attribute configuration. Thus, the system would provide better tools of screen

estate to an end user.

Conclusion

11. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach a method and a system that would allow user to edit, manipulate, and update of tabs as well as their orientation appearance on printing publication user interface.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CUONG T THAI whose telephone number is (703) 308-7234. The examiner can normally be reached on 8:00 am - 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Cabeca, can be reached at (703) 308-3116.
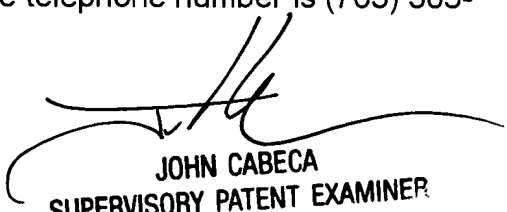
The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 746-7238 (After Final Communication)

(703) 872- 9306 (Official Communication)

(703) 746-7240 (For status inquiries, Draft Communication).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8000.
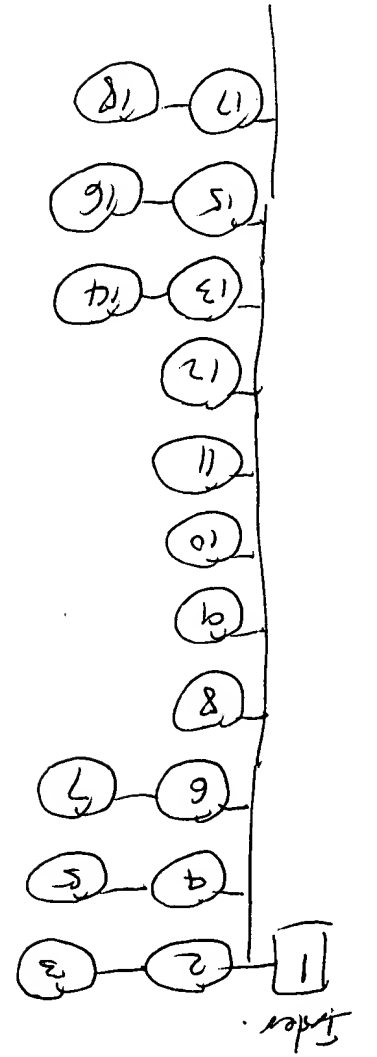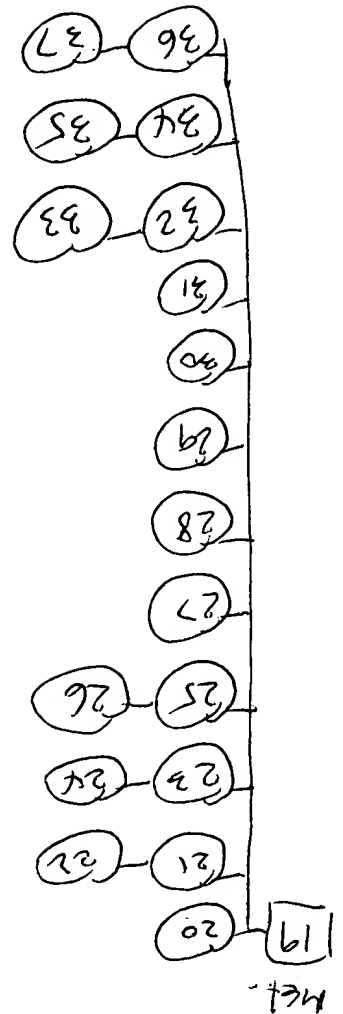
JOHN CABECA
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

CUONG T THAI
Examiner
Art Unit 2173

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October 20, 2003

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